| Ref<br># | Hits   | Search Query                                  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|---|---|---------------------|---------|------------------|
| S11<br>6 | 856    | purif\$10 same organic same semiconduct\$10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/11/20 14:13 |
| S11<br>7 | 578181 | (liquid near crystal\$6) or liquid-crystal\$6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/11/20 14:13 |
| S11<br>8 | 31     | S116 same S117                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/11/20 14:13 |
| S11<br>9 | 72264  | organic same semiconduct\$10                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/11/20 14:13 |
| S12<br>0 | 2110   | purif\$10 same S117                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR .                | ON      | 2007/11/20 14:13 |
| S12<br>1 | 69     | S120 and S119                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/11/20 14:13 |
| S12<br>2 | 144    | S116 and S117                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/11/20 14:13 |
| S12<br>3 | 3029   | organic same semi-conduct\$10                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/11/20 14:13 |
| S12<br>4 |        | S120 and S123                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2007/11/20 14:13 |

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|----------|---------|-------------------------------------|---|----|------|------------------|
| S12<br>5 | 1950405 | semiconduct\$10 or semi-conduct\$10 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/11/20 14:13 |
| S12<br>6 | 289     | S120 and S125                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/11/20 14:13 |
| S12<br>7 | 170968  | phase same angle                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/11/20 14:13 |
| S12<br>8 | 428325  | impedance                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/11/20 14:13 |
| S12<br>9 | 9781    | S127 same S128                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/11/20 14:13 |
| S13<br>0 | 6       | S120 and S129                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON . | 2007/11/20 14:13 |
| S13<br>1 | 15      | S127 and S128 and S120              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/11/20 14:13 |
| S13<br>2 | 9       | S131 not S130                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON · | 2007/11/20 14:13 |
| S13<br>3 | . 56    | S120 and S128                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON   | 2007/11/20 14:13 |

| S13<br>4 | 1       | 10/698002                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
|----------|---------|---|---|----|----|------------------|
| S13<br>5 | 187204  | recrystalliz\$6                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S13<br>6 | 578181  | (liquid near crystal\$6) or liquid-crystal\$6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S13<br>7 | 986     | S135 same S136                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S13<br>8 | 1950405 | semiconduct\$10 or semi-conduct\$10           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S13<br>9 | 192     | S137 and S138                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S14<br>0 | 794     | S137 not S139                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S14<br>1 | 428325  | impedance                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S14<br>2 | 244     | S137 same process                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |

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|----------|--------|---|---|----|-------------|------------------|
| S14<br>3 | 4      | S142 and S141                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |
| S14<br>4 | 4      | "7102154"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |
| S14<br>5 | 3      | "2001075297"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |
| S14<br>6 | 2      | "2001-75297"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |
| S14<br>7 | 187204 | recrystalliz\$6                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |
| S14<br>8 | 578181 | (liquid near crystal\$6) or liquid-crystal\$6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |
| S14<br>9 | 986    | S147 same S148                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |
| S15<br>0 | 103    | S149 same impurities                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |
| S15<br>1 | 15     | S150 and ferroelectric                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON          | 2007/11/20 14:13 |

| S15<br>2 | 2       | S149 same ionized                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
|----------|---------|--|---|----|----|------------------|
| S15<br>3 | 578181  | (liquid near crystal\$6) or<br>liquid-crystal\$6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S15<br>4 | 2110    | purif\$10 same S153                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S15<br>5 | 327     | S154 same impurities                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S15<br>6 | 1950405 | semiconduct\$10 or<br>semi-conduct\$10           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S15<br>7 | 289     | S154 and S156                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S15<br>8 | 236     | S157 not S155                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S15<br>9 | 192     | S149 and S156                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>0 | 5846    | impedance same resistivity                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |

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| S16<br>1 | 578181 | (liquid near crystal\$6) or<br>liquid-crystal\$6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>2 | 281    | S160 and S161                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>3 | 38     | S160 same S161                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>4 | 2742   | mobility same resistivity                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>5 | 35     | S164 same S161                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>6 | 275    | S164 and S161                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>7 | 240    | S166 not S165                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>8 | 3028   | ((pi near electron) or pi-electron) same ring    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S16<br>9 | 578181 | (liquid near crystal\$6) or liquid-crystal\$6    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |

| S17<br>0 | 42     | S168 same S169                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
|----------|--------|---|---|----|----|------------------|
| S17<br>1 | 1      | "2002521552"                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S17<br>2 | 266    | impedance near resistivity                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S17<br>3 | 5846   | impedance same resistivity                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S17<br>4 | 2742   | mobility same resistivity                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S17<br>5 | 69     | S173 same S174                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S17<br>6 | 130    | S173 and S174                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S17<br>7 | 578181 | (liquid near crystal\$6) or liquid-crystal\$6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S17<br>8 | 35     | S174 same S177                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |

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| S17<br>9   | 275    | S174 and S177                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S18<br>0   | 240    | S179 not S178                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S18<br>. 1 | 578181 | (liquid near crystal\$6) or<br>liquid-crystal\$6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S18<br>2   | 2742   | resistivity same mobility                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S18<br>3   | 275    | S182 and S181                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S18<br>4   | 765    | resistivity same charge same<br>mobility         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S18<br>5   | 92     | S184 and S181                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:13 |
| S18<br>6   | 35     | S182 same S181                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/11/20 14:14 |